JVC

SERVICE MANUAL

SPEAKER SYSTEM

SP-V50

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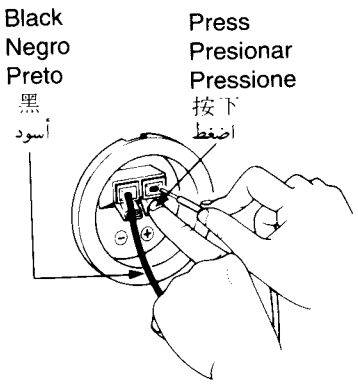
Instructions

Connection
Conexión
Ligação
接線
الوصل



CONNECTION

- Connect the LEFT speaker terminals of the amplifier to the LEFT terminals of the speaker and RIGHT to RIGHT using the attached speaker cords as shown in the figure making sure polarity is correct; (+) to (+) and (–) to (–). Connect the black speaker wires to the (–) terminals.
- Turn off power to the whole system before connecting the speakers to the amplifier.
- The nominal impedance of the SP-V50 is 8 ohms. Connect them to an amplifier with the load impedance of 8 ohms speaker.
- The maximum power handling capacity of the SP-V50 is 80 watts. Excessive input will result in abnormal noise and possible damage. 70% of the maximum amplifier output is normally available when the volume control is set to its center position.
  In cases where the signals described below are applied to the speakers, even if the signals are below the maximum allowable input, they may cause an overload and burn the wiring of the speakers. Be sure to lower the amplifier volume beforehand.
  1) Noise during FM tuning.
  2) High level signals containing high frequency components produced by a tape deck in the fast forward mode.
  3) Click noise produced when turning power of other components on and off.
  4) Click noise produced when connecting or disconnecting cords with the power on.
  5) Click noise produced when the cartridge is replaced with the power on.
  6) Click noise produced when operating amplifier switches.
  7) Continuous high frequency oscillation or high pitch electronically produced musical instrument sound.
  8) Howling when using a microphones.

SPECIFICATIONS

Type:	:	3-way bass-reflex type
Speakers:		
Woofer	:	16 cm (6-5/16″) cone x 1
Midrange	:	6.5 cm (2-9/16″) cone x 1
Tweeter	:	2 cm (13 /16") dome x 1
Power Handling Capacity	:	80 watts
Impedance	:	8 ohms
Frequence Range	:	45 Hz – 20,000 Hz
Sound Pressure Level	:	90 dB/w·m
Dimensions (W x H x D)	:	230 x 410 x 206 mm (9-1/16″ x 16-13/16″ x 8-1/8″)
Mass	:	4.0 kg (8.9 lbs) each
Accessories	:	Speaker cord.....2

Design and specifications subject to change without notice.

Guide to Repair

■Removing Ornament Assembly

1. When removing the ornament, insert a flat screwdriver into the two notches at the under side of the ornament (Fig. 1), and raise the ornament slightly with the flat screwdriver.

2. Raise the upper side of the ornament with the flat screwdriver, while holding up the under side of the ornament (Fig. 2), the entire ornament can be easily removed.

Notes :

Be sure not to scratch the edges of the cabinet, while removing the ornament with the flat screwdriver.

■Removing the Woofer, Midrange Unit

Removing the ornament assembly to replace the Woofer, Midrange units.

■Removing the Tweeter Unit

Removing the tweeter assembly.

Remove the screws which fix the tweeter assembly with the back of the ornament assembly.

Lift up the tweeter assembly after pulling it slightly. Do not pull it too much not to damage the diaphragm. (See fig. 3.)

■Replacing the speaker terminal

The speaker terminal assembly on the back panel has two notches. (See Fig. 4)

Insert the tip of a screwdriver into each of the notches alternately and lift the terminal off. (See Fig. 5)

Note :

After replacing the assembly, apply rubber cement(Diabond #1600MA or equivalent)to the speaker terminal from the inside.(See Fig.6)

Note :

During removal of the speaker unit , be sure to protect the cabinet and speaker unit from dents or scratches by covering them with felt or other soft cloth.

■Mounting Ornament Assembly

When mounting, take care of scratch and crack on the Ornament Assembly. (See Fig. 7)

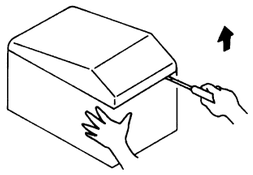


Fig.1

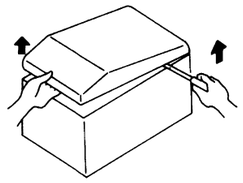


Fig.2

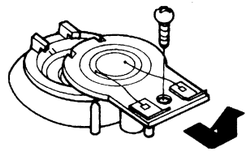


Fig.3

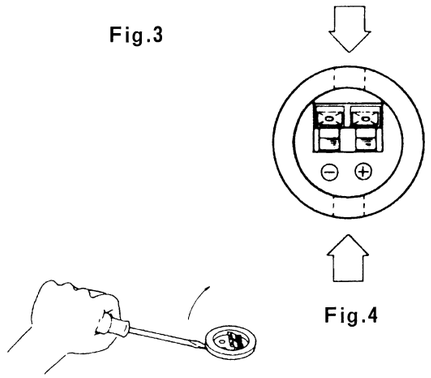


Fig.4

Fig.5

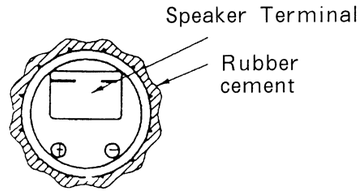


Fig.6

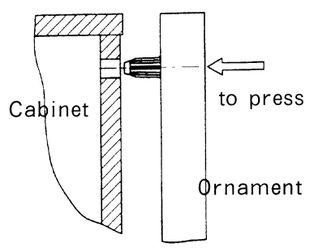
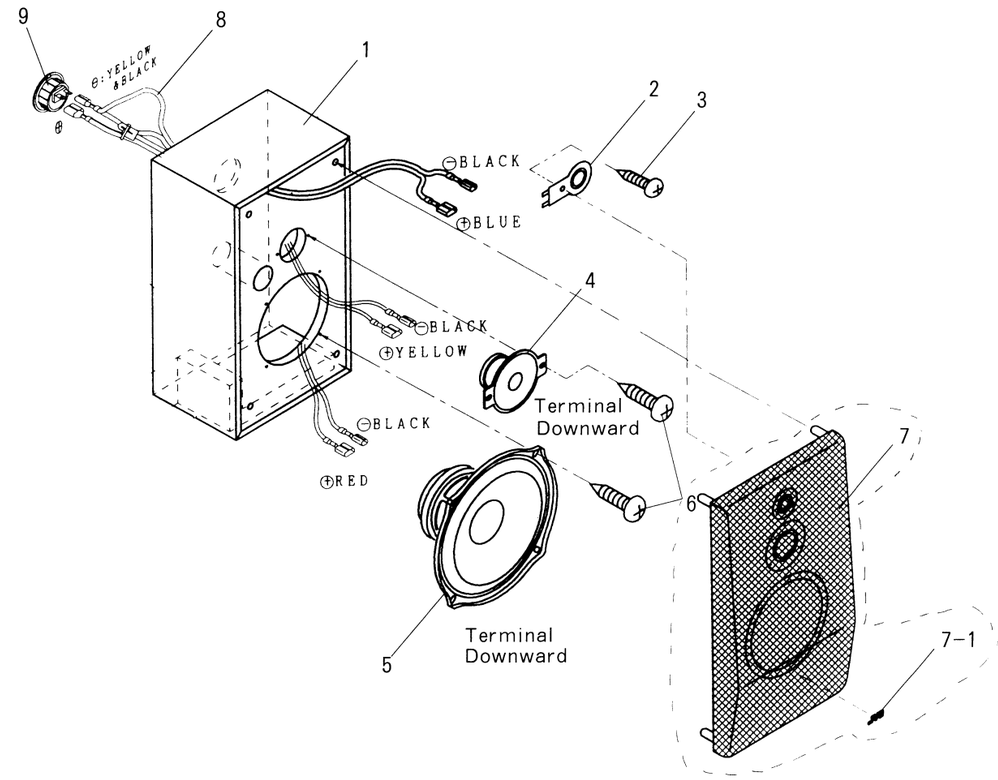


Fig.7

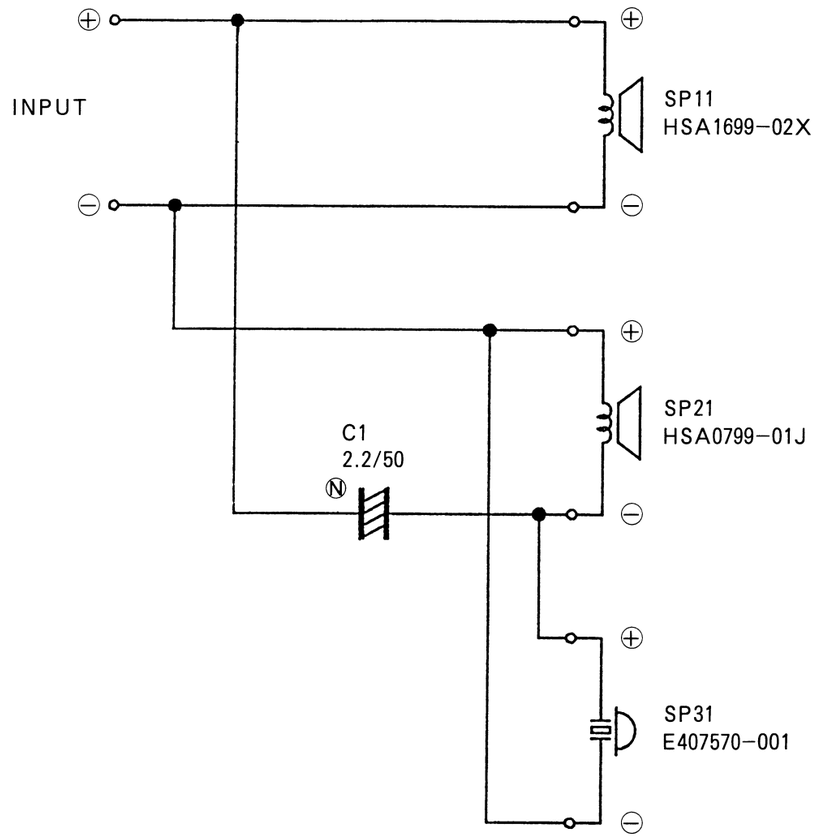
General Exploded View and Parts List



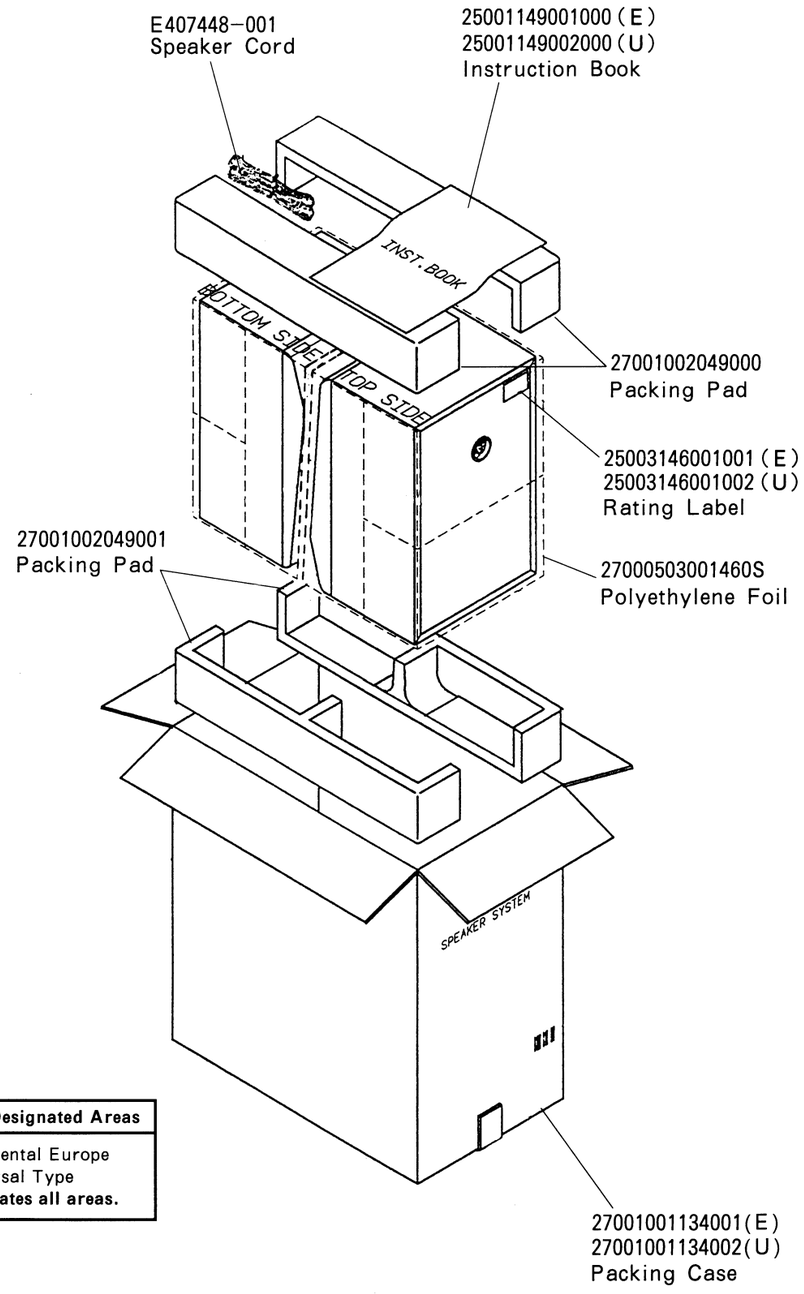
■Parts List

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	23001807940000	Cabinet Assembly	1		
	2	E407570-001	Tweeter Assembly	1	Tweeter SP-31	
	3	SBSF4008Z	Screw	1		
	4	HSA0799-01J	Speaker	1	Midrange SP-21	
	5	HSA1699-02X	Speaker	1	Woofer SP-11	
	6	25381065008000S	Screw	6		
	7	23001804841500	Ornament Assembly	1		
	7-1	E408811-001	Mark	1		
	8	E408875-001	Network Assembly	1		
	9	E03823-092	Speaker Terminal	1		

Schematic Diagram



Packing Materials and Part Numbers



The Marks for Designated Areas
E·····Continental Europe U·····Universal Type **No mark indicates all areas.**

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